| Index of Claims |
|-----------------|
|                 |

| Application No. | Applicant(s)  |
|-----------------|---------------|
| 10/628,321      | KIMBLE ET AL. |
| Examiner        | Art Unit      |
| Andrew Wright   | 3617          |

| <b>→</b> | Rejected |
|----------|----------|
| II       | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |  |
|---|--------------|--|
| ı | Interference |  |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| The color of the |                      |         | ate   |              |        |   | aim  | CI  | ]::::[ |                 | ate |          |            | aim  | Cla  |       |             | ite        | Da            |        | Т  | aim  | CI |
|--|----------------------|---------|---|--------------|--------|---|------|-----|--------|-----------------|-----|----------|------------|------|------|-------|-------------|------------|---------------|--------|----|------|----|
| 1     0     1     101     102     102     103     103     103     103     103     103     103     103     103     103     104     105     105     105     105     105     105     105     106     106     106     106     106     106     106     107     107     107     107     107     107     108     108     108     109  | $\top$               | T       | Т   | П            |        |   |      |     |        |                 | T   |          |            |      |      |       | $\top$      |            | T             |        | 70 | T    |    |
| 1     J     51     101     102     102     103     4     103     103     103     103     103     103     104     105     55     105     56     106     6     106     6     106     6     106     6     106     7     7     7     7     7     7     7     7     7     7     7     8     8     9     109     100   |                      |         |   |              |        |   | ايّے | اهر |        |                 |     |          |            | ايّا | la C |       |             |            |               |        | 1  | l iï | آھ |
| 1     J     51     101     102     102     103     4     103     103     103     103     103     103     104     105     55     105     56     106     6     106     6     106     6     106     6     106     7     7     7     7     7     7     7     7     7     7     7     8     8     9     109     100   | 11                   |         |   |              |        |   | 울    | ίĒ  |        |                 |     |          | - 1 1      | į    | 這    |       |             |            |               |        | \? | Ę    | 🖫  |
| 102  |                      |         |   |              |        |   |      |     |        |                 |     |          |            | ١٠١  |      |       |             | $\perp$    |               | .      | œ  | '    |    |
| 103  |                      | $\top$  |   |              |        |   | 101  |     |        |                 |     |          | $\Box\Box$ | 51   |      |       |             |            |               |        | /  | 1    |    |
| 4   5   5   104   104   105   105   105   105   105   106   106   106   107   107   107   107   107   107   107   108   109   107   108   109 <td><math>T^{T}</math></td> <th></th> <td></td> <td></td> <td></td> <td></td> <td>102</td> <td></td> <td><math>\Box\Box</math></td> <td><math>\sqcap</math></td> <td><math>\top</math></td> <td>1</td> <td>2</td> <td></td>  | $T^{T}$              |         |   |              |        |   | 102  |     |        |                 |     |          |            |      |      |       |             | $\Box\Box$ | $\sqcap$      | $\top$ | 1  | 2    |    |
| 6     0     55     106     106     106     106     107     107     107     107     107     107     108     108     109     108     109     100     100     100     100     100     100     100     100     110     111     111     112     113     114     114     114     114     114     114     114     114     115     115     115     115     115     116     117     117     117     117     118     118     118     119     119     119     119     119     119     119     119     119     119   | T                    |         |   |              |        |   | 103  |     |        |                 |     |          |            | 53   |      |       | $\neg \Box$ | TTT        | TT            |        | ~  | 3    |    |
| 6     7     7     106     17     107     107     108     108     108     108     109     109     109     109     109     109     109     110     110     111   |                      |         |   |              |        |   |      |     |        |                 |     |          | $\Box$     | 54   |      |       | $\neg \neg$ |            |               |        |    | 4    |    |
| 107  | $T^{-}T$             |         | ٦   |              |        |   | 105  |     |        |                 |     |          |            | 55   |      |       |             | TTT        |               |        |    | 5    |    |
| S  |                      |         |   |              |        |   |      |     |        |                 |     |          |            |      |      |       |             |            |               |        | ~  | 6    |    |
| 10   |                      |         |   |              |        |   |      |     |        |                 |     |          |            |      |      |       | $\neg \neg$ |            | TT            |        | ./ | 7    |    |
| 10   |                      |         |   |              |        |   |      |     |        |                 |     |          |            | 58   |      |       |             |            |               |        | ~  | 8    |    |
| 11   |                      |         |   |              |        |   |      | J   |        |                 |     |          |            | 59   |      |       |             |            |               |        | /  | 9    |    |
| 12   |                      |         |   |              |        |   |      |     |        |                 |     |          |            | 60   |      |       |             |            |               |        | ~  | 10   |    |
| 13   |                      |         |   |              |        |   |      |     |        |                 |     |          |            |      |      |       |             |            |               |        | 7  | 11   |    |
| 13   | $\perp \perp \perp$  |         |   |              |        |   |      |     |        |                 |     |          |            |      |      |       |             |            |               |        | /  |      |    |
| 14   | $\perp \perp$        |         | $\Box$  |              | $\Box$ |   |      |     |        |                 |     |          |            |      |      |       |             |            |               |        |    |      |    |
| 16   |                      |         |   |              |        |   |      |     |        |                 |     |          |            |      |      |       |             |            |               |        |    | 14   |    |
| 16   |                      |         | $\Box$  |              |        |   |      |     | ]      |                 |     |          |            |      |      |       |             |            |               |        | 1  | 15   |    |
| 18   68   1118   119     20   70   120   120     21   71   121   121     22   72   122   122     23   73   123   123     24   74   124   124     25   75   125   125     26   77   77   127   128     29   79   129   129     30   80   130   131     31   81   131   131     32   82   132   132     33   83   133   133     34   84   134   134     35   85   135   135     36   86   136   136     37   87   137   137     38   88   138   138     39   89   139   139  |                      |         |   |              |        |   | 116  |     |        |                 |     |          |            | 66   |      |       | $\neg \neg$ |            |               |        | /  | 16   |    |
| 19   |                      |         |   |              |        |   | 117  |     |        |                 |     |          | $\Box$     | 67   |      |       | $\Box$      |            |               |        | /  | 17   |    |
| 20   70   120     21   71   121     22   72   122     23   73   123     24   74   124     25   75   125     26   76   126     27   77   127     28   78   128     29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139  |                      |         |   |              |        |   | 118  |     | ]::::  |                 |     |          |            | 68   |      |       | $\neg \neg$ | $\Box\Box$ | 11            |        | 1  | 18   |    |
| 20   |                      |         |   |              |        |   | 119  |     | 1      |                 |     |          |            | 69   |      |       |             |            |               |        | 1  | 19   |    |
| 22   72   122   123     24   74   124   124     25   75   125   125     26   76   126   127     28   78   128   128     29   79   129   129     30   80   130   131     31   81   131   131     32   82   132   132     33   83   133   134     35   85   135   135     36   86   136   137     38   88   138   138     39   89   139   139  | T                    |         |   |              |        |   | 120  |     | 1      |                 |     |          |            | 70   |      |       |             |            | 11            |        | 1  |      |    |
| 22   122     23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   131     33   83     34   84     35   85     36   86     37   87     38   138     39   89   | $\Pi$                |         | П   |              |        | $\top$  | 121  |     | 1:::   |                 |     |          |            | 71   |      |       | $\neg \neg$ |            |               |        | /  | 21   |    |
| 23   73   123     24   74   124     25   75   125     26   76   126     27   77   127     28   78   128     29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139  | $\top$               | $\top$  | П   |              |        |   | 122  |     |        |                 |     |          | $\neg$     |      |      |       | $\neg \neg$ | 111        |               |        | 1  | 22   |    |
| 24   124     25   125     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   131     34   84     35   85     36   86     37   87     38   138     39   89  | T                    | $\top$  |   |              |        |   | 123  |     | ]::::  |                 |     |          |            | 73   |      |       |             |            |               |        | 17 |      |    |
| 25 75   26 76   27 77   28 78   29 79   30 80   31 81   32 82   33 83   34 84   35 85   36 86   37 87   38 88   39 89  |                      |         |   |              |        |   | 124  |     |        |                 |     |          | $\Box$     |      |      |       |             |            |               | o      |    |      |    |
| 27     77     127       28     78     128       29     79     129       30     80     130       31     81     131       32     82     132       33     83     133       34     84     134       35     85     135       36     86     136       37     87     137       38     88     138       39     89     139  |                      |         |   |              |        |   | 125  |     | ]::::  | $\Gamma \Gamma$ |     |          | $\Box$     | 75   |      |       | $\neg \neg$ |            | T             |        | 1/ |      |    |
| 28     78     128       29     79     129       30     80     130       31     81     131       32     82     132       33     83     133       34     84     134       35     85     135       36     86     136       37     87     137       38     88     138       39     89     139  | $T_{-}I_{-}$         | $\Box$  |   |              |        |   | 126  |     | ]::::  |                 |     |          |            | 76   |      |       | $\neg \neg$ |            | $\top$        |        | V  | 26   |    |
| 29     79       30     80       31     81       32     82       33     83       34     84       35     85       36     86       37     87       38     138       39     89   |                      | $\Box$  |   |              |        |   | 127  |     | ]      |                 |     |          |            | 77   |      |       | $\neg \neg$ |            |               |        | 7  | 27   |    |
| 29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89  | TT                   | $\top$  |   |              |        |   |      |     | 1::::  |                 |     |          |            | 78   |      |       | $\Box$      |            |               |        |    | 28   |    |
| 31 81   32 82   33 83   34 84   35 85   36 86   37 87   38 88   39 89  | TT                   |         |   |              |        |   | 129  |     |        |                 |     | $\sqcap$ | $\Box$     | 79   |      |       | $\neg$      |            | $\top$        |        |    |      |    |
| 32 82   33 83   34 84   35 85   36 86   37 87   38 88   39 89  | $\Gamma \Gamma$      | $\top$  |   |              |        |   |      | Ü   | ]::::  |                 |     |          |            | 80   |      |       | $\neg \neg$ |            |               |        |    | 30   |    |
| 33 83   34 84   35 85   36 86   37 87   38 88   39 89  |                      |         |   |              |        |   | 131  |     | ]::::  |                 |     |          |            | 81   |      |       | $\neg \neg$ |            |               |        |    | 31   |    |
| 34 84   35 85   36 86   37 87   38 88   39 89  |                      |         |   |              |        |   | 132  |     |        |                 |     | $\Box$   |            | 82   |      |       | $\neg \neg$ |            |               | $\neg$ |    |      |    |
| 34 84   35 85   36 86   37 87   38 88   39 89  |                      |         | T   |              |        |   | 133  |     | ]::::  |                 |     |          |            | 83   |      |       |             |            |               |        |    |      |    |
| 35 85   36 86   37 87   38 88   39 89  |                      |         | T   |              |        | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |      |     | ]::::  |                 |     | $\perp$  |            |      |      |       |             |            | $\top$        |        |    |      |    |
| 36 86   37 87   38 88   39 89  | $\perp \perp$        |         | $oldsymbol{\bot}$   | $\Box$       |        |   |      |     | ]::::  |                 |     |          |            | 85   |      |       |             |            |               |        |    |      |    |
| 37 87   38 88   39 89  |                      | $\perp$ | $oldsymbol{ol}}}}}}}}}}}}}}}$ |              |        |   |      |     |        |                 |     |          |            |      |      |       |             |            |               |        |    |      |    |
| 38 88 138 138 39 139 139 139 139 139 139 139 139 139   |                      |         | $\Box$  |              |        |   |      |     |        |                 |     |          |            |      |      |       |             |            |               |        |    |      |    |
| 39 89 139 139  |                      | $\perp$ |   |              |        |   | 138  |     |        |                 |     |          |            | 88   |      |       |             |            |               |        |    |      |    |
| 40 90 140 140  | $\perp \perp$        |         |   | $\Box$       |        |   |      |     |        |                 |     |          |            |      |      |       |             |            |               |        |    |      |    |
|  |                      |         | $\Box$  | $\Box$       |        |   | 140  |     |        |                 |     |          |            | 90   |      |       |             |            | $\perp \perp$ |        |    | 40   |    |
| 41 91 141 141  |                      |         | $oldsymbol{\bot}$   | $\Box$       |        |   |      |     |        |                 |     |          |            |      |      |       |             |            | $\prod$       |        |    | 41   |    |
| 42 92 142 142  |                      |         | $\Box$  |              |        |   | 142  |     | ]      |                 |     |          |            | 92   |      |       |             |            |               |        |    | 42   |    |
| 43 93 143  | $\perp \perp \Gamma$ |         | $\Box$  | $oxed{oxed}$ |        |   |      |     |        |                 |     |          |            | 93   |      |       |             |            |               |        |    | 43   |    |
| 44 94 144 144  |                      |         | $\Box$  | $\Box$       |        |   | 144  |     | ]::::  |                 |     |          |            |      |      |       |             |            |               |        |    |      |    |
| 45 95 145 145  |                      |         |   | I            |        |   | 145  |     |        |                 |     |          |            |      |      |       |             |            |               |        |    | 45   |    |
| 46 96 146  |                      |         |   |              |        |   | 146  |     |        |                 |     |          |            |      |      | ::::[ |             |            |               |        |    |      |    |
| 47 97 97 147 147   |                      |         |   | $\Box$       |        | ت   |      |     | ];;;;  |                 |     |          |            |      |      | [     |             |            |               |        |    |      |    |
| 48 98 148 148  | $\bot \bot$          | $\bot$  | $\perp$   | $\Box$       |        |   | 148  |     | ]::::  |                 |     |          |            |      |      |       |             |            | $\prod$       |        |    |      |    |
| 49 99 149 149  | $\perp T$            |         | $oldsymbol{\perp}$  | $\Box$       |        |   | 149  |     |        |                 |     | $\Box$   |            |      |      |       |             |            |               |        |    | 49   |    |
| 50 100 150 150   |                      |         | $\perp$   |              |        |   | 150  |     | ]::::  |                 |     |          |            | 100  |      |       |             |            |               |        |    | 50   |    |